

In the Claims

1-16 (canceled).

17 (previously presented). A method for producing a recombinant TNF binding protein 1 (TBP-1) polypeptide comprising culturing a mammalian cell line containing a nucleic acid encoding TBP-1 or a mutein thereof in a production phase in serum free medium at a temperature of about 25°C to about 29°C under conditions that allow for the production of said TBP-1 polypeptide.

18-19 (canceled).

20 (previously presented). The method of claim 17, wherein the polypeptide is expressed by a mammalian cell line comprising a DNA sequence encoding a TBP-1 polypeptide selected from the group consisting of:

- (a) a polypeptide comprising SEQ ID NO: 1;
- (b) a mutein of (a), wherein the amino acid sequence has at least 40% or 50% or 60% or 70% or 80% or 90% identity to the sequence in (a);
- (c) a mutein of (a) which is encoded by a DNA sequence, which hybridizes to the complement of the native DNA sequence encoding (a) under moderately stringent conditions or under highly stringent conditions; or
- (d) a mutein of (a) wherein any changes in the amino acid sequence are conservative amino acid substitutions to the amino acid sequences in (a).

21 (withdrawn-currently amended). The method of claim 17, wherein the polypeptide is expressed by a mammalian cell line comprising a DNA sequence encoding a TBP-2 polypeptide selected from the group consisting of:

- (a) a polypeptide comprising SEQ ID NO: 2;
- (b) a mutein of (a), wherein the amino acid sequence has at least 40% or 50% or 60% or

- 70% or 80% or 90% identity to the sequence in (a);
- (c) a mutein of (a) which is encoded by a DNA sequence, which hybridizes to the complement of the native DNA sequence encoding (a) under moderately stringent conditions or under highly stringent conditions;
 - (d) a mutein of (a) wherein any changes in the amino acid sequence are conservative amino acid substitutions to the amino acid sequences in (a); and
 - (e) a salt or an isoform, fused protein, or functional derivative of (a).

22 (previously presented). The method of claim 17, wherein the mammalian cell line is cultured at a temperature of about 25°C.

23 (withdrawn-currently amended). The method of ~~claim 17~~ claim 21, wherein the mammalian cell line is cultured at a temperature between 20°C and 29°C ~~of about 26°C~~.

24 (previously presented). The method of claim 17, wherein the mammalian cell line is cultured at a temperature of about 27°C.

25 (previously presented). The method of claim 17, wherein the mammalian cell line is cultured at a temperature of about 28°C.

26 (previously presented). The method of claim 17, wherein the mammalian cell line is cultured at a temperature of about 29°C.

27-29 (canceled).

30 (previously presented). The method of claim 17, wherein the mammalian cell line is a CHO cell line.

31 (previously presented). The method of claim 17, wherein the medium used during the production phase is serum free.

32 (previously presented). The method of claim 17, further comprising collecting the polypeptide from the medium.

33 (previously presented). The method of claim 17, further comprising purifying the polypeptide from medium or cell-derived components.

34 (previously presented). The method of claim 17, further comprising formulating the purified polypeptide with a pharmaceutically acceptable carrier.

35 (previously presented). An isolated polypeptide produced by the method of claim 17, said polypeptide being mono-glycosylated.

36 (previously presented). The method of claim 17, wherein said mammalian cell line is a CHO cell line comprising a DNA sequence encoding SEQ ID NO: 1 and said cell line is cultured at a temperature of about 25°C to about 29°C.

37 (currently amended). The method of claim-~~26~~ 36, wherein said temperature is about 25°C.

38 (currently amended). The method of claim-~~26~~ 36, wherein said temperature is about 26°C.

39 (currently amended). The method of claim-~~26~~ 36, wherein said temperature is about 27°C.

40 (currently amended). The method of claim ~~26~~ 36, wherein said temperature is about 28°C.

41 (currently amended). The method of claim ~~26~~ 36, wherein said temperature is about 29°C.

42 (new). The method of claim 17, wherein the mammalian cell line is cultured at a temperature of about 26°C.